

Jonathan Li

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EDUCATION

University of California, Berkeley

BA Applied Mathematics and Computer Science

Relevant Coursework: CS 61A/B (Data Structures and Algorithms), CS 188 (AI), Real Analysis, Abstract Algebra

Expected Graduation: June 2027

WORK EXPERIENCE

Scale AI

Strategic Product Management Intern

Insights and Evaluations

June 2025 - Aug 2025

San Francisco, California

- Drove **\$30M/quarter** in client model support by building **NumPy/Pandas pipelines** to analyze failure cohorts, and produced **Seaborn visuals** that shaped client roadmaps and renewals.
- **Increased model performance by up to 22%** for a key client by diagnosing subject-area weaknesses by identifying **targeted dataset improvements**, directly boosting adoption and sales.

Synthetic Websites for Browser Agents

- Designed and shipped Synthetic Websites in **Next.js (React) + TypeScript with Tailwind CSS**, instrumented **full client-side event logging**, packaged and reproducible via Docker.
- Scoped **ground-truth criteria** and verification checkpoints, creating self-contained browser environments for traceable and **scalable agent evaluation**.

Stanford Artificial Intelligence Lab (SAIL)

Undergraduate Researcher

- Extending research for **cybersecurity agents** by implementing containerized apps using **Android Emulator/ADB + Frida** having complete typed event/trace schemas.
- Built **self-contained Docker stacks** that integrate verifiable Python probes; added pytest runners and CI hooks to produce **traceable evaluation paths and scalable pipelines**.
- Partnered with researchers to refine the evaluation framework and generate **Pandas/Seaborn analysis notebooks**, improving accessibility, robustness, and documentation.

July 2025 - Present

Berkeley, California

Airspace Technologies

Data Analytics Intern

- Developed and optimized SQL algorithms for large-volume freight shipping cost estimation, driving **\$400K in projected annual savings**.
- Engineered an automated system leveraging **openAPI function calling** to incorporate client preferences, improving **operational efficiency and customization**.
- Automated ingestion and revision of 10M+ rows into Snowflake, streamlining data integration and **accelerating analytics workflows**.

May 2024 - Aug 2024

Carlsbad, California

PROJECTS

Real-Time Conversation Coach on Snapchat Spectacles

- Built an AR conversation coach on Snapchat Spectacles that captured ~2 photos/second and converted speech to text on-device, streaming multimodal data to a cloud backend in real time.
- Integrated Hume API for live emotion recognition from captured images, combined with conversation context to generate dynamic talking points displayed directly on the Spectacles HUD.
- Developed the end-to-end pipeline from on-device capture to backend inference to AR overlay, gaining hands-on experience with AR/VR development and real-time multimodal systems.

SKILLS AND INTERESTS

- *Skills: Python, Java, HTML, CSS, SQL, Git, Jupyter, Linux, PyTorch, React, Docker, PostgreSQL, Agents, ML*